



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

May 23, 2005

SONNENSCHEIN
ONE METROPOLITAN SQUARE
SUITE 3000
ST. LOUIS, MO 63102
US

Dear Sir/Madam,

Your refund request for 6448381 in the amount of \$100.00 has been denied.

The alleged errors in claim 1, column 12, are considered applicants' errors; therefore, it appears that no refund is due.

Sincerely,

CECELIA NEWMAN
Certificate of Correction
703 308-9550

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO : 6,448,381 B1

DATED : September 10, 2002

INVENTOR(S) : Thomas F. Deuel et al.

It is certified that error appears in the above-identified patent and that said Letters Patent are hereby corrected as shown below:

In Column 12

Line 48, add "purified and isolated" after The.

C

MAILING ADDRESS OF SENDER: Michael T. Marrah
Sonnenschein Nath & Rosenthal LLP
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Chicago, Illinois 60606

PATENT NO. 6,448,381 B1

No. of additional copies

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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.